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10/714,586

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

APPLICANT(S):
Timothy J. Patrick et al.

FILING DATE:
November 14, 2003

GROUP ART UNIT:
3762

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE* |
|---------------------|--|-----------------|---|---|---|---|---|---|----------|--------------------|-------|----------|--------------------------------|
| SL | | 3 | 3 | 2 | 4 | 8 | 4 | 7 | 06/13/67 | E.G. Zoumboulis | 128 | 1.2 | |
| SL | | 3 | 8 | 7 | 2 | 8 | 5 | 6 | 03/25/75 | Clayton | 128 | 1.2 | |
| SL | | 4 | 4 | 1 | 7 | 5 | 7 | 6 | 11/29/83 | Baran | 128 | 207.15 | |
| SL | | 4 | 7 | 0 | 6 | 6 | 5 | 2 | 11/17/87 | Horowitz | 128 | 1.2 | |
| SL | | 4 | 7 | 5 | 4 | 7 | 4 | 5 | 07/05/88 | Horowitz | 128 | 1.2 | |
| SL | | 4 | 7 | 6 | 3 | 6 | 4 | 2 | 08/16/88 | Horowitz | 128 | 1.2 | |
| SL | | 4 | 8 | 2 | 1 | 7 | 2 | 5 | 04/18/89 | Azam et al. | 128 | 420 A | |
| SL | | 4 | 8 | 6 | 7 | 7 | 4 | 1 | 09/19/89 | Portnoy | 604 | 10 | |
| SL | | 5 | 0 | 3 | 0 | 1 | 9 | 5 | 07/09/91 | Nardi | 600 | 7 | |
| SL | | 5 | 0 | 8 | 4 | 0 | 0 | 1 | 01/28/92 | Van't Hooft et al. | 600 | 3 | 08/09/90 |
| SL | | 5 | 0 | 8 | 4 | 0 | 1 | 5 | 01/28/92 | Moriuchi | 604 | 96 | |
| SL | | 5 | 1 | 0 | 6 | 3 | 6 | 0 | 04/21/92 | Ishiwara et al. | 600 | 2 | |
| SL | | 5 | 1 | 1 | 2 | 3 | 0 | 3 | 05/12/92 | Pudenz et al. | 604 | 49 | |
| SL | | 5 | 1 | 5 | 2 | 7 | 4 | 7 | 10/06/92 | Olivier | 604 | 93 | |
| SL | | 5 | 2 | 3 | 6 | 4 | 1 | 0 | 08/17/93 | Granov et al. | 600 | 12 | |
| SL | | 5 | 4 | 2 | 9 | 5 | 8 | 2 | 07/04/95 | Williams | 600 | 2 | |
| SL | | 5 | 4 | 8 | 4 | 3 | 8 | 4 | 01/16/96 | Fearnot | 600 | 3 | |
| SL | | 5 | 5 | 0 | 3 | 6 | 1 | 3 | 04/02/96 | Weinberger | 600 | 3 | |
| SL | | 5 | 5 | 6 | 6 | 2 | 2 | 1 | 10/15/96 | Smith et al. | 378 | 145 | 07/12/94 |
| SL | | 5 | 6 | 1 | 1 | 7 | 6 | 7 | 03/18/97 | Williams | 600 | 2 | |
| SL | | 5 | 6 | 6 | 2 | 5 | 8 | 0 | 09/02/97 | Bradshaw et al. | 600 | 3 | |
| SL | | 5 | 7 | 0 | 7 | 3 | 3 | 2 | 01/13/98 | Weinberger | 600 | 3 | |
| SL | | 5 | 7 | 1 | 3 | 8 | 2 | 8 | 02/03/98 | Coniglione | 600 | 7 | |
| SL | | 5 | 7 | 2 | 0 | 7 | 1 | 7 | 02/24/98 | D'Andrea | 604 | 21 | 01/24/97 |
| SL | | 5 | 7 | 6 | 4 | 7 | 2 | 3 | 06/09/98 | Weinberger et al. | 378 | 65 | |
| SL | | 5 | 7 | 8 | 2 | 7 | 4 | 2 | 07/21/98 | Crocker et al. | 600 | 3 | |
| SL | | 5 | 7 | 8 | 5 | 6 | 8 | 8 | 07/28/98 | Joshi et al. | 604 | 141 | |
| SL | | 5 | 9 | 9 | 3 | 3 | 7 | 4 | 10/30/99 | Kick | 600 | 8 | |
| SL | | 6 | 0 | 3 | 6 | 6 | 3 | 1 | 03/14/00 | McGrath et al. | 600 | 3 | |
| SL | | 6 | 0 | 4 | 8 | 2 | 9 | 9 | 04/11/00 | Hoffmann | 600 | 3 | |
| SL | | 6 | 1 | 2 | 0 | 5 | 2 | 3 | 09/19/00 | Crocker et al. | 606 | 192 | |

/Sara Lustusky/

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| SL | 6 | 1 | 4 | 9 | 5 | 7 | 4 | 11/21/00 | Trauthen et al. | 600 | 3 | |
| SL | 6 | 1 | 7 | 6 | 8 | 2 | 1 | 01/23/01 | Crocker et al. | 600 | 3 | |
| SL | 6 | 2 | 6 | 1 | 3 | 2 | 0 | 07/17/01 | Tam et al. | 623 | 1.15 | |
| SL | 6 | 2 | 8 | 7 | 2 | 4 | 9 | 09/11/01 | Tam et al. | 600 | 3 | |
| SL | 6 | 4 | 1 | 9 | 6 | 9 | 2 | 07/16/02 | Yang et al. | 623 | 1.15 | |
| SL | 6 | 4 | 5 | 8 | 0 | 6 | 9 | 10/1/02 | Tam et al. | 600 | 3 | |
| SL | 6 | 4 | 7 | 1 | 6 | 3 | 0 | 10/29/02 | Sioshansi et al. | 600 | 1 | |
| SL | 6 | 4 | 8 | 7 | 4 | 3 | 8 | 11/26/02 | Widmark et al. | 600 | 431 | |
| SL | 2003/0114878 | | | | | | | 06/19/03 | Diederich et al. | 606 | 192 | |
| SL | 2003/0028097 | | | | | | | 02/06/03 | D'Amico et al. | 600 | 427 | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|----|--|-----------------|---|---|---|---|---|-----|----------|----------------|-------|----------|-------------|----|
| | | | | | | | | | | | | | YES | NO |
| SL | | 2 | 1 | 0 | 5 | 2 | 0 | 1 / | 23.03.83 | United Kingdom | A61N | 1/06 | n/a | |
| SL | | 0 | 3 | 4 | 0 | 8 | 8 | 1 / | 08.11.89 | EPO | A61N | 5/10 | n/a | |
| SL | | 0 | 8 | 6 | 7 | 2 | 0 | 0 / | 30.09.98 | EPO | | | | |
| SL | | 9 | 2 | 1 | 0 | 9 | 3 | 2 | 09.07.92 | PCT | A61N | 5/02 | n/a | |
| SL | | 9 | 3 | 0 | 9 | 7 | 2 | 4 | 27.05.93 | PCT | A61B | 17/36 | n/a | |
| SL | | 9 | 7 | 1 | 9 | 7 | 2 | 3 / | 05.06.97 | PCT | A61N | 5/00 | n/a | |
| SL | | 9 | 8 | 1 | 2 | 9 | 7 | 9 / | 02.04.98 | PCT | A61B | 19/00 | n/a | |
| SL | | 9 | 9 | 4 | 2 | 1 | 6 | 3 / | 26.08.99 | PCT | | | | |
| SL | | 9 | 9 | 3 | 3 | 5 | 1 | 5 / | 08.07.99 | PCT | | | | |
| SL | | 9 | 9 | 1 | 1 | 3 | 2 | 5 / | 11.03.99 | PCT | | | | |

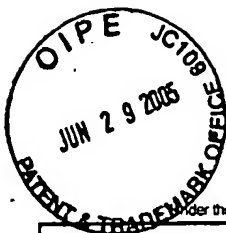
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|----|---|--|
| SL | Ashpole, R.D. et al., "A New Technique of Brachytherapy for Malignant Gliomas with Caesium-137: A New Method Utilizing a Remote Afterloading System," <i>Clinical Oncology</i> , vol. 2, 333-7 (1990); | |
| | A. Bex et al., "A System For Focal Intracavitary Irradiation Of Bladder Cancer With Remote Iridium-192 Afterloading", 21 <i>Eur Urol</i> 1992, 245-249 (1992). | |
| SL | Chun, M. et al. "Interstitial Iridium-192 Implantation for Malignant Brain Tumours. Part II: Clinical Experience," <i>The British Journal of Radiology</i> , vol. 62, 158-62 (1989); | |
| SL | Garfield, J. et al., "Postoperative Intracavitary Chemotherapy of Malignant Gliomas," <i>J. Neurosurg.</i> , vol. 39, 315-22 (September 1973); | |
| SL | Gutin, P. et al., "Brachytherapy of Recurrent Malignant Brain Tumors With Removable High-Activity Iodine-125 Sources," <i>J. Neurosurg.</i> , vol. 60, 61-8 (1984); | |
| SL | Johannesen, T.B. et al., "Intracavity Fractionated Balloon Brachytherapy in Glioblastoma," <i>Acta Neurochir (Wien)</i> , vol. 141, 127-33 (1999); | |
| SL | Leibel, S. et al., "The Integration of Interstitial Implantation Into the Preliminary Management of Patients With Malignant Gliomas: Results of a Phase II Northern California Oncology Group Trial," <i>Am. J. Clin. Oncol. (CCT)</i> , vol. 10, no. 2, p. 106 (1987); | |
| SL | Roberts, D. et al., "Interstitial Hyperthermia and Iridium Brachytherapy in Treatment of Malignant Glioma," <i>J. Neurosurg.</i> , vol. 64, 581-7 (1986); | |
| SL | Wu, A. et al., "Interstitial Iridium-192 Implantation for Malignant Brain Tumours. Part 1: Techniques of Dosimetry Planning," <i>The British Journal of Radiology</i> , vol. 62, 154-7 (1989). | |

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|----------|--|---|
| Examiner | | Date Considered: |
| | | *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and considered. Include copy of this form with next communication to applicant. |
| | | /Sara Lustusky/ 11/09/2006 |



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|--|---|--------------------------|---------------------------|------------------------|--------------------------------|
| Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | Complete If Known | | | |
| | | Application Number | 10/714,586 | | |
| | | Filing Date | November 4, 2003 | | |
| | | First Named Inventor | Timothy J. Patrick et al. | | |
| | | Art Unit | 3762 | | |
| | | Examiner Name | Not Yet Assigned | | |
| Sheet | 1 | of | 1 | Attorney Docket Number | 106320-48 (formerly 101360-63) |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| SL | AA | 6,645,135 B1 | 11/11/2003 | Bhat | |
| SL | AB | 6,001,054 | 12/14/1999 | Regulla et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ³ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| SL | AC | DE 198 19 426 A 1 | 11/11/1999 | Dr.med. Christoph Hehrlein | | |
| SL | AD | EP 0 970 724 A2 | 01/12/2000 | Proxima Therapeutics, Inc. | | |
| SL | AE | WO 02/089899 A1 | 11/14/2002 | Xoft Microtube, Inc. | | |
| SL | AF | WO 04/049918 A2 | 06/17/2004 | Scimed Life Systems | | |

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